FIG.1 Related Art

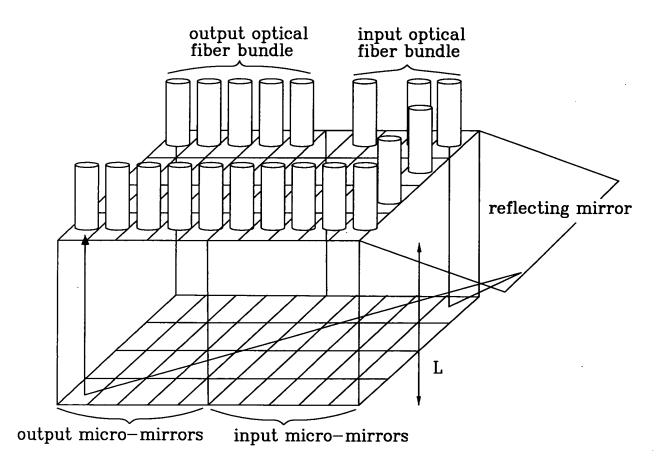


FIG.2 Related Art

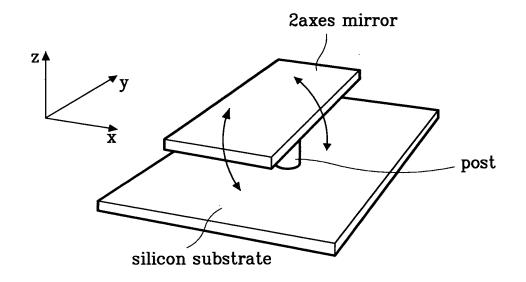
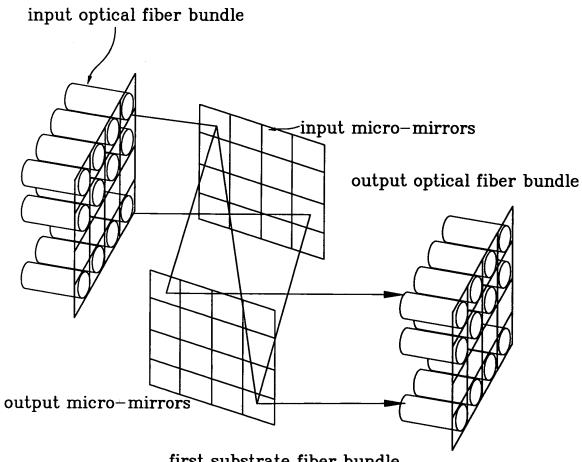
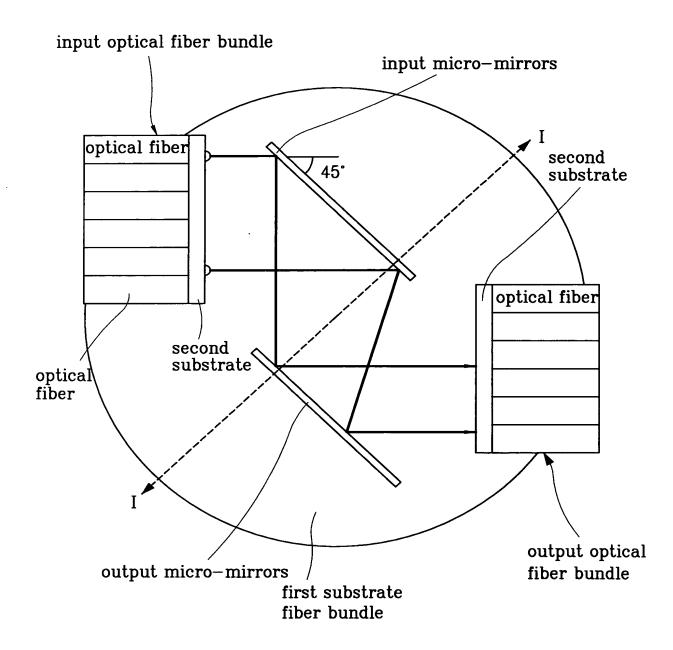


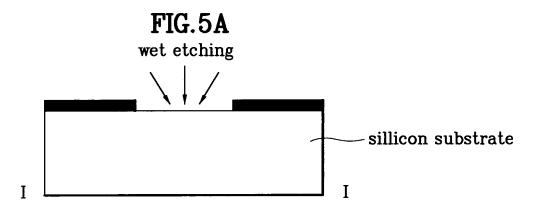
FIG.3

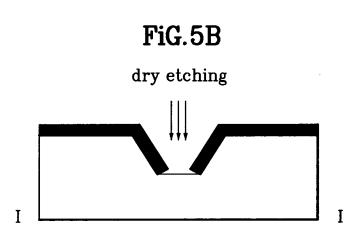


first substrate fiber bundle

FIG. 4







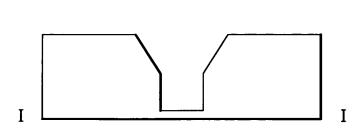


FiG.5C

FIG.6

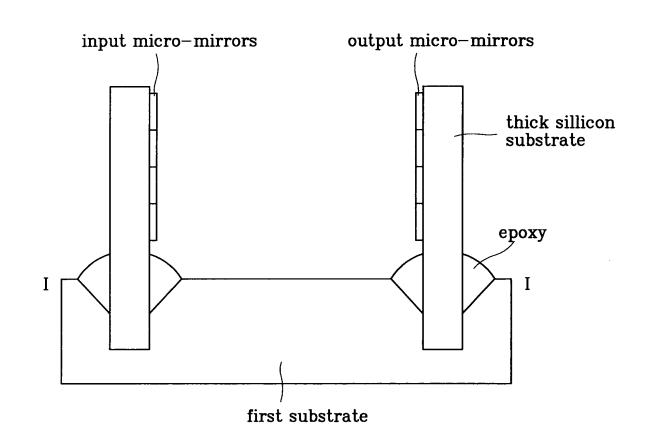


FIG.7

